



# Discipline

## DEFINITION

<i>Name</i>	Technical Controls
<i>Description</i>	Technical Controls are security controls executed by computer systems, as opposed to people. The implementation of technical controls requires significant operational consideration and should be consistent with the management of security within the organization.
<i>Rationale</i>	Identifies automated controls that improve system security.
<i>Benefits</i>	Promotes standardization, trust, interoperability, connectivity, automation, and increased efficiency.

## BOUNDARY

<i>Boundary Limit Statement</i>	Security controls implemented and executed by systems and/or machines.
<i>Boundary Topics</i>	Identification and Authentication; Logical Access Controls; Audit Trails

## ASSOCIATED DOMAIN

<i>List the Domain Name</i>	Security
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## CRITICAL REFERENCES

### Related Domains/Disciplines

<input type="checkbox"/> Interface – Branding	<input type="checkbox"/> Integration – Functional Integration	<input type="checkbox"/> Systems Mgt – Business Continuity
<input type="checkbox"/> Interface – Access	<input type="checkbox"/> Integration – Middleware	<input checked="" type="checkbox"/> Security – Management Controls
<input type="checkbox"/> Interface – Accessibility	<input type="checkbox"/> Application – Application Engineering	<input checked="" type="checkbox"/> Security – Operational Controls
<input type="checkbox"/> Information – Knowledge Mgt	<input type="checkbox"/> Application – Electronic Collaboration	<input checked="" type="checkbox"/> Security – Technical Controls
<input type="checkbox"/> Information – Data Mgt	<input type="checkbox"/> Systems Mgt – Asset Mgt	<input type="checkbox"/> Privacy – Profiling
<input type="checkbox"/> Information- GIS	<input type="checkbox"/> Systems Mgt – Change Mgt	<input type="checkbox"/> Privacy – Personification
<input type="checkbox"/> Infrastructure - Network	<input type="checkbox"/> Systems Mgt – Console/Event Mgt	<input type="checkbox"/> Privacy – Privacy
<input type="checkbox"/> Infrastructure - Platform	<input type="checkbox"/> Systems Mgt – Help Desk/Problem Mgt	

### Standard Organizations/Government Bodies

<i>List Standard Organizations</i>	National Institute of Standards & Technology (NIST) Computer Security Resource Center <a href="http://csrc.nist.gov/">http://csrc.nist.gov/</a> International Organization for Standardization (ISO) <a href="http://www.iso.ch/iso/en/ISOOnline.frontpage">http://www.iso.ch/iso/en/ISOOnline.frontpage</a> SysAdmin, Audit, Network, Security (SANS) <a href="http://www.sans.org/newlook/home.php">http://www.sans.org/newlook/home.php</a>
<i>List Government Bodies</i>	

Stakeholders/Roles			
List Stakeholders	Network Administrators, CIT, CIS, etc.		
List Roles	Technical personnel		
Discipline-specific Technology Trends			
List Discipline-specific Technology Trends			
Technology Trend Source			
ASSOCIATED COMPLIANCE COMPONENTS			
List Discipline-level Compliance Components			
METHODOLOGIES			
List methodologies followed	National Institute of Standards & Technology (NIST), Computer Security Resource Center		
DISCIPLINE DOCUMENTATION REQUIREMENTS			
Provide documentation requirements for this Discipline			
ASSOCIATED TECHNOLOGY AREAS			
List the Technology Areas associated with this Discipline	Access Controls; Cryptography; Date / Time Controls; Entity Authentication; Intrusion Detection Systems; Inactivity Controls; Log-on Banners; Remote Access; Secure Gateways / Firewalls		
CURRENT STATUS			
Provide the Current Status	<input type="checkbox"/> In Development <input type="checkbox"/> Under Review <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected		
AUDIT TRAIL			
Creation Date	12-19-2002	Date Accepted / Rejected	01-21-2003
Reason for Rejection			
Last Date Reviewed		Last Date Updated	
Reason for Update			